

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of 5

Application Number	10/595049
Filing Date	08/05/2004
First Named Inventor	Hammerbeck, David M.
Art Unit	ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BF/
Examiner Name	
Attorney Case Number	59997US004

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number Doc. Number-(Kind Code if Known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US- 3,314,941	04-18-1967	Littell et al.	
	A2	US- 4,689,338	08-25-1987	Gerster	
	A3	US- 4,698,348	10-06-1987	Gerster	
	A4	US- 4,929,624	05-29-1990	Gerster et al.	
	A5	US- 4,988,815	01-29-1991	Andre et al.	
	A6	US- 5,037,986	08-06-1991	Gerster	
	A7	US- 5,175,296	12-29-1992	Gerster	
	A8	US- 5,238,944	08-24-1993	Wick et al.	
	A9	US- 5,266,575	11-30-1993	Gerster et al.	
	A10	US- 5,268,376	12-07-1993	Gester	
	A11	US- 5,346,905	09-13-1994	Gerster	
	A12	US- 5,352,784	10-04-1994	Nikolaides et al.	
	A13	US- 5,367,076	11-22-1994	Gerster	
	A14	US- 5,389,640	02-14-1995	Gerster et al.	
	A15	US- 5,395,937	03-07-1995	Nikolaides et al.	
	A16	US- 5,446,153	08-29-1995	Lindstrom et al.	
	A17	US- 5,482,936	01-09-1996	Lindstrom	
	A18	US- 5,693,811	12-02-1997	Lindstrom	
	A19	US- 5,741,908	04-21-1998	Gerster et al.	
	A20	US- 5,756,747	05-26-1998	Gerster	
	A21	US- 5,939,090	08-17-1999	Beaurline et al.	
	A22	US- 6,039,969	03-21-2000	Tomai et al.	
	A23	US- 6,069,149	05-30-2000	Nanba et al.	
	A24	US- 6,083,505	07-04-2000	Miller et al.	
	A25	US- 6,110,929	08-29-2000	Gerster et al.	
	A26	US- 6,194,425 B1	02-27-2001	Gerster et al.	
	A27	US- 6,245,776 B1	06-12-2001	Skwierczynski et al.	
	A28	US- 6,331,539 B1	12-18-2001	Crooks et al.	

*Examiner: /Blessing Fubara/

Date Considered:

01/23/2010

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)		Application Number	10/595049
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BE/ Page 2 of 5		Filing Date	08/05/2004
		First Named Inventor	Hammerbeck, David M.
		Art Unit	
		Examiner Name	
		Attorney Case Number	59997US004

U.S. Patent Documents					
Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A29	US- 6,376,669 B1	04-23-2002	Rice et al.	
	A30	US- 6,451,810 B1	09-17-2002	Coleman et al.	
	A31	US- 6,518,265 B1	02-11-2003	Kato et al.	
	A32	US- 6,525,064 B1	02-25-2003	Dellaria et al.	
	A33	US- 6,541,485 B1	04-01-2003	Crooks et al.	
	A34	US- 6,545,016 B1	04-08-2003	Dellaria et al.	
	A35	US- 6,545,017 B1	04-08-2003	Dellaria et al.	
	A36	US- 6,558,951 B1	05-06-2003	Tomai et al.	
	A37	US- 6,573,273 B1	06-03-2003	Crooks et al.	
	A38	US- 6,656,938 B2	12-02-2003	Crooks et al.	
	A39	US- 6,660,735 B2	12-09-2003	Crooks et al.	
	A40	US- 6,660,747 B2	12-09-2003	Crooks et al.	
	A41	US- 6,664,260 B2	12-16-2003	Charles et al.	
	A42	US- 6,664,264 B2	12-16-2003	Dellaria et al.	
	A43	US- 6,664,265 B2	12-16-2003	Crooks et al.	
	A44	US- 6,667,312 B2	12-23-2003	Bonk et al.	
	A45	US- 6,670,372 B2	12-30-2003	Charles et al.	
	A46	US- 6,677,347 B2	01-13-2004	Crooks et al.	
	A47	US- 6,677,348 B2	01-13-2004	Heppner et al.	
	A48	US- 6,677,349 B1	01-13-2004	Griesgraber	
	A49	US- 6,683,088 B2	01-27-2004	Crooks et al.	
	A50	US- 6,706,728 B2	03-16-2004	Hedenstrom et al.	
	A51	US- 6,743,920 B2	06-01-2004	Lindstrom et al.	
	A52	US- 6,756,382 B2	06-29-2004	Coleman et al.	
	A53	US- 6,797,718 B2	09-28-2004	Dellaria et al.	
	A54	US- 6,818,650 B2	11-16-2004	Griesgraber	
	A55	US- 2002/0016332 A1	02-07-2002	Slade	
	A56	US- 2002/0055517 A1	05-09-2002	Smith	

*Examiner:	/Blessing Fubara/	Date Considered:	01/23/2010
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

<p>Substitute for form 1449A/PTO (modified)</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p> <p>ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BF/</p> <p>Page 3 of 5</p>		Application Number	10/595049
		Filing Date	08/05/2004
		First Named Inventor	Hammerbeck, David M.
		Art Unit	
		Examiner Name	
Attorney Case Number		59997US004	

U.S. Patent Documents					
Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A57	US- 2002/0110840 A1	08-15-2002	Tomai et al.	
	A58	US- 2003/0130299 A1	07-10-2003	Crooks et al.	
	A59	US- 2003/0133913 A1	07-17-2003	Tomai et al.	
	A60	US- 2003/0139364 A1	07-24-2003	Krieg et al.	
	A61	US- 2003/0161797 A1	08-28-2003	Miller et al.	
	A62	US- 2003/0199538 A1	10-23-2003	Skwierczynski et al.	
	A63	US- 2004/0014779 A1	01-22-2004	Gorden et al.	
	A64	US- 2004/0091491 A1	05-13-2004	Kedl et al.	
	A65	US- 2004/0132079 A1	07-08-2004	Gupta et al.	
	A66	US- 2004/0141950 A1	07-22-2004	Noelle et al.	
	A67	US- 2004/0147543 A1	07-29-2004	Hays et al.	
	A68	US- 2004/0162309 A1	08-19-2004	Gorden et al.	
	A69	US- 2004/0171086 A1	09-02-2004	Fink et al.	
	A70	US- 2004/0175336 A1	09-09-2004	Egging et al.	
	A71	US- 2004/0176367 A1	09-09-2004	Griesgraber et al.	
	A72	US- 2004/0180919 A1	09-16-2004	Miller et al.	
	A73	US- 2004/0181130 A1	09-16-2004	Miller et al.	
	A74	US- 2004/0181211 A1	09-16-2004	Graham et al.	
	A75	US- 2004/0191833 A1	09-30-2004	Fink et al.	
	A76	US- 2004/0192585 A1	09-30-2004	Owens et al.	
	A77	US- 2004/0197865 A1	10-07-2004	Gupta et al.	
	A78	US- 2004/0202720 A1	10-14-2004	Wightman et al.	
	A79	US- 2004/0214851 A1	10-28-2004	Birmachu et al.	

Foreign Patent Documents						
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Ctry. Code	Number-KindCode (If known)			
	B1	PCT	WO 02/36592	05-10-2002		
	B2	PCT	WO 03/097641	11-27-2003		

*Examiner:	/Blessing Fubara/	Date Considered:	01/23/2010
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Substitute for form 1449A/PTO (modified)		Application Number	10/595049
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	08/05/2004
(Use as many sheets as necessary)		First Named Inventor	Hammerbeck, David M.
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH (B6) Page 4 of 5		Art Unit	
		Examiner Name	
		Attorney Case Number	59997US004

Foreign Patent Documents							
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B3	PCT	WO 04/058759 A1	07-15-2004			
	B4	PCT	WO 05/076783	08-25-2005			
	B5	PCT	WO 05/020999	03-10-2005			
	B6	PCT	WO 05/032484	04-14-2005			
	B7	PCT	WO 05/094531	10-13-2005			
	B8	PCT	WO 05/051317	06-09-2005			
	B9	JP	9-208584	08-12-1997			
	B10	JP	9-255926	03-26-1999			X
	B11	JP	11-222432	08-17-1999			X
	B12	JP	2000-247884 (ABS)	09-12-2000			X
	B13	EP	0 394 026 B1	10-24-1990			
	B14	EP	1 104 764 A1	06-06-2001			

OTHER DOCUMENTS						
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				Translation (Check if yes)
	C1	Bachman et al., "Synthesis of Substituted Quinolylamines. Derivatives of 4-Amino-7-Chloroquinoline," <i>J. Org. Chem.</i> , 15, pp. 1278-1284 (1950).				
	C2	Baranov et al., <i>Chem. Abs.</i> , 85, 94362 (1976).				
	C3	Berenyi et al., "Ring Transformation of Condensed Dihydro-as-triazines," <i>J. Heterocyclic Chem.</i> , 18, pp. 1537-1540 (1981).				
	C4	Brennan et al., "Automated Bioassay of Interferons in Micro-test Plates," <i>Biotechniques</i> , June/July, 78, 1983.				
	C5	Burleson, "Influenza Virus Host Resistance Model for Assessment of Immunotoxicity, Immunostimulation, and Antiviral Compounds," <i>Methods in Immunology</i> 2: 181-202, Wiley-Liss Inc., (1995).				
	C6	Chollet et al., "Development of a Topically Active Imiquimod Formulation," <i>Pharmaceutical Development and Technology</i> , 4(1), pp. 35-43 (1999).				
	C7	Encyclopedia of Pharmaceutical Technology, Second Edition, 856-860, Marcel Dekker, Inc., 2002.				
	C8	Izumi et al., "1H-Imidazo[4,5-c]quinoline Derivatives as Novel Potent TNF- α Suppressors: Synthesis and Structure-Activity Relationship of 1-, 2- and 4-Substituted 1H-imidazo[4,5-c]pyridines," <i>Bioorganic & Medicinal Chemistry</i> , 11, pp. 2541-2550 (2003).				

*Examiner:	/Blessing Fubara/	Date Considered:	01/23/2010
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Substitute for form 1449A/PTO (modified)		Application Number	10/595049
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	08/05/2004
(Use as many sheets as necessary)		First Named Inventor	Hammerbeck, David M.
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. Page 5 of 5		Art Unit	
		Examiner Name /RE/	
		Attorney Case Number	59997US004

OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C9	Jahnsen et al. "Extensive recruitment of IL-3Rx high Dendritic-cell Precursors to Allergic Nasal Mucosa During Allergen Challenge," Immunology Letters, Volume 69, Issue 1, 32.2, page 123, June 15, 1999 (abstracts available online July 9, 1999).	
	C10	Jain et al., "Chemical and Pharmacological Investigations of Some ω -Substituted Alkylamino-3-aminopyridines," <i>J. Med. Chem.</i> , 11, Pp. 87-92 (1968).	
	C11	Lehner et al., "The Role of $\gamma\delta$ Cells and β -Chemokines in Mucosal Protection Against SIV Infection," Immunology Letters, Volume 69, Issue 1, 2.1, page 25, June 15, 1999 (abstracts available online July 9, 1999).	
	C12	Litt et al., "Mucosal Delivery of Vaccine Antigens Displayed on the Surface of <i>Lactococcus lactis</i> ," Immunology Letters, Volume 69, Issue 1, 11.26, page 61, June 15, 1999 (abstracts available online July 9, 1999).	
	C13	Moldoveanu et al, "Poly-L-lysine as a Potential Mucosal Adjuvant," Immunology Letters, Volume 69, Issue 1, 11.28, page 62, June 15, 1999 (abstracts available online July 9, 1999).	
	C14	Poljakovic et al. "iNOS and COX-2 Immunoreactivity in the Mice Bladder and Kidney After Bacterial Instillation," Immunology Letters, Volume 69, Issue 1, 31.05, page 122, June 15, 1999 (abstracts available online July 9, 1999).	
	C15	Testerman et al., "Cytokine Induction by the Immunomodulators Imiquimod and S-27609," Journal of Leukocyte Biology, Volume 58, pp. 365-372 (September 1995).	
	C16	Wozniak et al., "The Animation of 3-nitro-1, 5-naphthyridines by Liquid Ammonia/Potassium Permanganate ^{1,2} . A New and Convenient Amination Method." <i>Journal of the Royal Netherlands Chemical Society</i> , 102, pp. 511-513 (December 13, 1983).	

*Examiner:	/Blessing Fubara/	Date Considered:	01/23/2010
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			